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TITLE: Walk Through Solar System Times: An Exhibit with an Astrobiology Emphasis

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Abstract Body: In this astrobiology outreach project, we attempt to present the research of the Goddard Center for Astrobiology (GCA) in the context of the history of the Solar System. GCA research emphasizes the origin and formation of complex pre-biotic organic materials in extraterrestrial environments and explores whether the delivery of these primordial materials and water to the early Earth enabled the emergence and evolution of life. The content expounds on areas that are usually not touched upon in a timeline of the Earth's formation. The exhibit addresses the questions: How did our solar system form? How is the formation of our solar systems similar or different from others? How did the organic molecules we observe in space get to the Earth? What conditions are most suitable for life? We will address the issues and challenges of designing the exhibit and of explaining advanced astrobiology research topics to the public.